

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Stephan BRUNNER *et al.*

Appl. No.: 10/748,708

Filed: December 31, 2003

For: **Method and Computer Program Product  
for Drug Discovery Using Weighted  
Grand Canonical Metropolis Monte  
Carlo Sampling**

Confirmation No.: 2143

Art Unit: 2123

Examiner: To Be Assigned

Atty. Docket: 1866.0360004/PEG/CMB

**Statement Under 37 C.F.R. § 1.28(c)(2)  
for Payment of Deficiency Owed**

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OFFICE OF PETITIONS

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

In the above-captioned application, a non-provisional application statutory basic filing fee of \$385.00 and a surcharge for late filing of a Declaration fee of \$65.00 for a small entity was paid on July 2, 2004, in response to the Notice to File Missing Parts dated May 6, 2004. A non-provisional application statutory basic filing fee and the surcharge for late filing of a Declaration fee for a large entity should have been paid.

Please find enclosed a Credit Card Payment Form (PTO-2038) in the amount of \$450.00, the sum total of the difference in the amount that would have been due for a non-provisional application basic statutory filing fee and the surcharge for late filing of a Declaration fee for a large entity.

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PATENT TRADEMARK  
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2004 SEP -1 AM 11: 53

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Stephan BRUNNER  
Appl. No. 10/748,708  
2004 SEP -1 AM 11:53

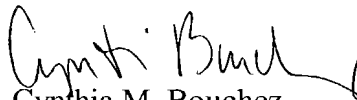
This amount is calculated as follows:

<u>Action Taken</u>	<u>Date Paid</u>	<u>Fee Paid</u>	<u>Fee Due</u>	<u>Difference</u>
Non-Provisional application basic statutory filing fee for a small entity	July 2, 2004	\$385.00	\$770.00	\$385.00
Surcharge for late filing of a Declaration	July 2, 2004	\$65.00	\$130.00	\$65.00

In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned. The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

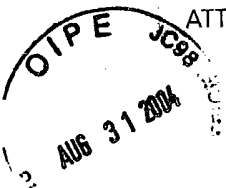
  
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Attorney for Applicant  
Registration No. 47,438

Date: August 31, 2004

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August 31, 2004

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OFFICE OF PETITIONS

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Re: U.S. Utility Patent Application  
Appl. No.: 10/748,708; Filed: December 31, 2003  
For: **Method and Computer Program Product for Drug Discovery Using  
Weighted Grand Canonical Metropolis Monte Carlo Sampling**  
Inventors: Stephan BRUNNER *et al.*  
Our Ref: 1866.0360004/PEG/CMB

Sir:

Transmitted herewith for appropriate action are the following documents:

1. PTO Fee Transmittal Form (PTO/SB/17);
2. Statement Under 37 C.F.R. § 1.28(c)(2) for Payment of Deficiency Owed;
3. One (1) return postcard; and
4. Credit Card Payment Form (PTO-2038) in the amount of \$450.00 to cover the sum total of the difference in the amount that would have been due for a non-provisional application basic statutory filing fee and the surcharge for late filing of a Declaration fee for a large entity.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

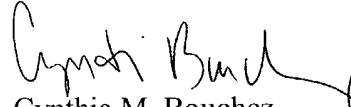
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Commissioner for Patents  
August 31, 2004  
Page 2

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Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Cynthia M. Bouchez  
Attorney for Applicant  
Registration No. 47,438

PEG/CMB:krh  
Enclosures

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PTO/SB/17 (10-03)  
Approved for use through 07/31/2006. OMB 0651-0032  
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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 450.00

## Complete if Known

Application Number 10/748,708  
Filing Date December 31, 2003  
First Named Inventor Stephan Brunner  
Examiner Name To Be Assigned  
Art Unit 2123  
Attorney Docket No. 1866.0360004/PEG/CMB

## METHOD OF PAYMENT (check all that apply)

☐ Check ☒ Credit card ☐ Money Order ☒ Other\*\* ☐ None

☐ \*\*Charge any deficiencies or credit any overpayments in the fees to Deposit Acct. No. 19-0036.

Deposit Account Number  
Deposit Account Name

19-0036

Sterne, Kessler, Goldstein & Fox P.L.L.C.

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Credit any overpayments

☐ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	385.00
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1) (\$)			385.00

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims - 20 \*\*= ☐ X ☐ = ☐  
Independent Claims - 3 \*\*= ☐ X ☐ = ☐  
Multiple Dependent ☐ = ☐

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	65.00
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	7 2004
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 65.00

## SUBMITTED BY

(Complete if applicable)

Name (Print/Type) Cynthia M. Bouchez  
Registration No. 47,438  
Telephone (202) 371-2600  
Signature [Signature]  
Date August 31, 2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 3.

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